

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/13175

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H05K9/00, F16F15/08, C08J9/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H05K9/00, F16F15/08, C08J9/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 62-76113 A (Nitta Corp.), 08 April, 1987 (08.04.87), Page 1, lower left column, lines 11 to 15; page 2, upper left column, lines 10 to 16; page 2, upper right column, line 18 to lower left column, line 6; Fig. 1 (Family: none)	1-9
Y	JP 7-162185 A (Kitakawa Kogyo Kabushiki Kaisha), 23 June, 1995 (23.06.95), Par. Nos. [0017], [0031] (Family: none)	1-9

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"E" earlier document but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
08 January, 2004 (08.01.04)Date of mailing of the international search report
20 January, 2004 (20.01.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 61-176639 A (Sanyo Chemical Industries, Ltd.), 08 August, 1986 (08.08.86), Page 4, lower right column, lines 9 to 11; page 5, upper right column, lines 4 to 9; page 5, lower right column, line 9 to page 6, upper left column, line 5 (Family: none)	7-9
A	JP 2000-261107 A (Tomoegawa Paper Co., Ltd.), 22 September, 2000 (22.09.00), Par. Nos. [0017], [0031]; Figs. 1, 2 (Family: none)	1, 4-6
A	JP 5-226876 A (Kitakawa Kogyo Kabushiki Kaisha), 03 September, 1993 (03.09.93), Par. No. [0016] (Family: none)	1
E, A	JP 2002-327082 A (Inoac Corp.), 15 November, 2002 (15.11.02), Par. Nos. [0013], [0018]; Fig. 1 (Family: none)	1
E, A	JP 2003-347786 A (Mitsubishi Cable Industries, Ltd.), 05 December, 2003 (05.12.03), Full text (Family: none)	1
A	JP 2000-72905 A (Kyocera Corp.), 07 March, 2000 (07.03.00), Full text; Figs. 1, 2 (Family: none)	1
A	JP 2001-126539 A (Japan Gore-Tex Inc.), 11 May, 2001 (11.05.01), Full text; Figs. 1 to 6 (Family: none)	1
A	JP 2001-85888 A (3M Innovative Properties Co.), 30 March, 2001 (30.03.01), Full text; Figs. 1 to 3 (Family: none)	1
A	JP 4-53837 A (Hayakawa Gomu Kabushiki Kaisha), 21 February, 1992 (21.02.92), Full text; Figs. 1 to 7 (Family: none)	1
A	JP 63-149131 A (Kanto Reza Kabushiki Kaisha), 21 June, 1988 (21.06.88), Full text; Figs. 1, 2 (Family: none)	1

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